

## **APPENDIX E: State supported (no federal support) treatment site.**

The treatment site discussed below is proposed for treatment using state funds only. The decision to not seek federal support was made by the state officials noted above in the EA. The state officials made this decision because the boundary of the treatment site is well defined by surveys for moths and eggmasses, there is limited host habitat immediate to the center of the population, and the site has very limited ownership. Seeking federal financial support was not needed as state resources could adequately meet the objective and federal resources could be applied to other projects. This appendix documents the decision made by the state officials.

### **Proposed Action**

The Indiana Department of Natural Resources (IDNR), Division of Forestry and Division of Entomology & Plant Pathology, proposes to treat a gypsy moth population on 1 treatment sites in 2 counties. (see map in Appendix B).

The proposed treatment is applying Btk using ground application and mass trapping. The site totals 54 acres. One acre of the site will be treated with Btk by ground application using bucket truck applicators. The 53 acres will be mass trapped at 3 traps/acre.

Site <b>NOT</b> Proposed for Federal Project			
County	Site	Acres	Treatment
Wabash/Huntington	Bippus	53	Mass Trapping
		1	Btk
TOTAL		54	

### **Objective**

The objective is to slow-the-spread of the gypsy moth population in the transition area (Wabash and Huntington counties) by eliminating the reproducing population from the proposed treatment site.

### **Need for Action**

The IDNR is dedicated to preserving urban and rural forested habitats from damage by gypsy moth and to enforcing interstate and intrastate quarantines to further protect areas not currently infested by gypsy moth. (See 1.3 in the Environmental Assessment above) If no action is taken, gypsy moth will increase and spread from this site and defoliation will occur sooner. Therefore, the IDNR proposes to treat the site.

### **Public Involvement**

The IDNR met and presented the project to the landowners. The meeting with the landowners explained the gypsy moth biology, need for action, and treatment methods. Their consent to conduct the project was obtained.

## **Description of Site**

The site is a rural residential property surrounded by crop fields and woodlots. The site is located on the Wabash/Huntington county line and is composed of hickory, maple and conifer yard trees and woodlots of oak, ash, maple, hickory and other hardwoods.

## **Threatened and Endangered Species, and Protection of Historic Properties**

No threatened or endangered species occur in the treatment site. There are not historical properties in the site. (Appendix C)

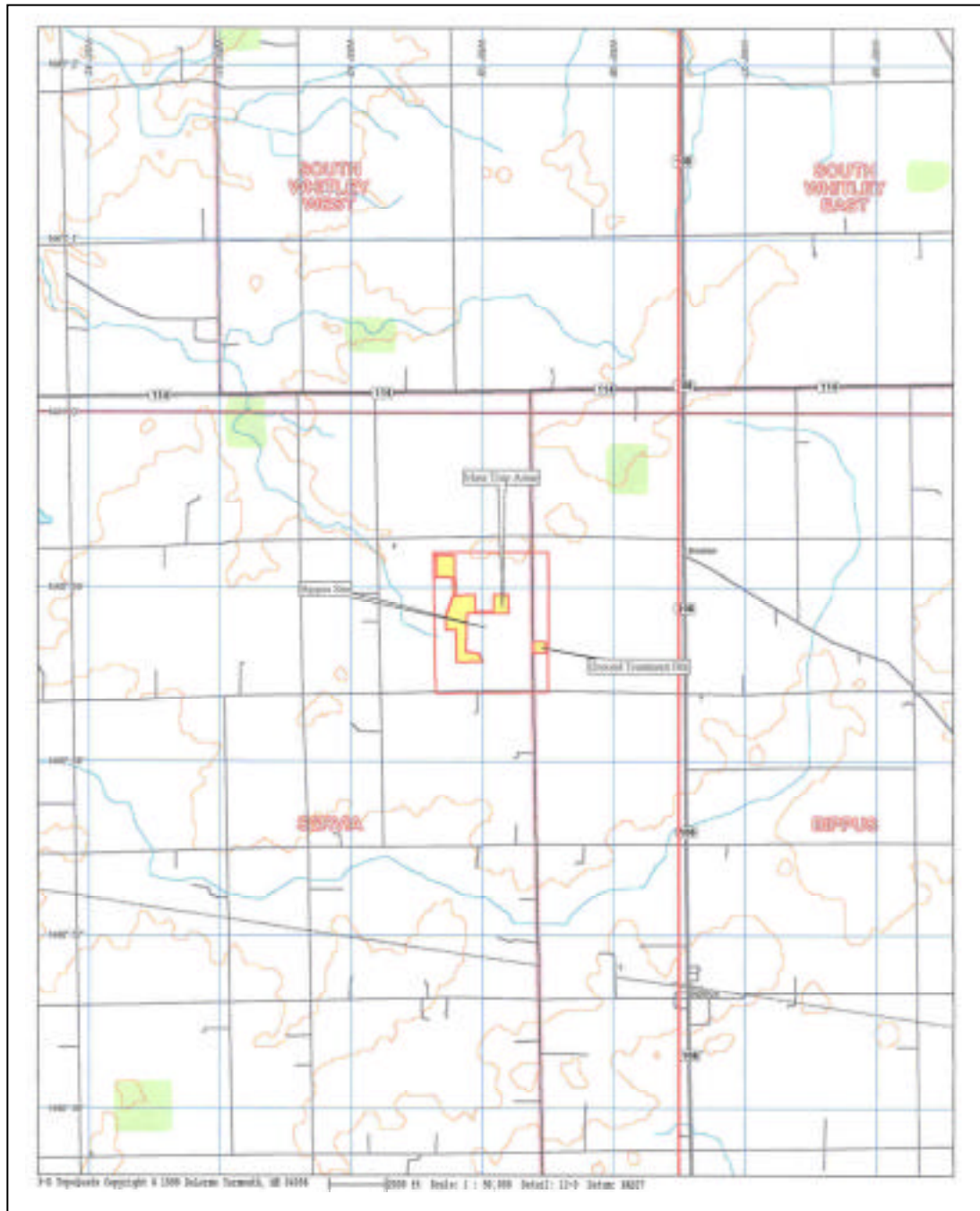
## **Environmental Consequences**

Human health and safety concerns will be minimized, as the Btk treatment is a directed treatment to specific trees on one site. Effects on nontarget species are also minimized. Success is likely, as Btk is effective in eliminating gypsy moth. Mass trapping also adds to the likelihood of success because this method used in small treatment sites has eliminated gypsy moth.

## **Rationale for Decision**

The site is a defined population of gypsy moth in a very small area. Although proposed and discussed for inclusion in a federal project, the state and federal officials determined that federal resources were not needed to meet the objective. The state officials determined that treatment was needed to meet the management objectives for gypsy moth in Indiana. The state officials determined that the treatment could eliminate gypsy moth from the site as this method has been used successfully in prior years in Indiana, and the treatment complies with Indiana laws (Indiana Code 14-24-2-1) that govern the management of plant pests.

Indiana Gypsy Moth Management Program  
Proposed Treatment Site for 2001  
Wabash/Huntington County, Servia & Bippus Quadrangle  
Bippus, Estimated acres - 1 & 53  
Btk (ground) & Mass trapping  
STREET MAP



Indiana Gypsy Moth Management Program  
Proposed Treatment Site for 2001  
Wabash/Huntington County, Servia & Bippus Quadrangle  
Bippus, Estimated acres - 1 & 53  
Btk (ground) & Mass trapping  
TOPOGRAPHIC MAP

